	UNITED STATES	NR 43 678364			
COMBINED DECLARATIO	ON AND POWER OF	ATTORNEY FOR PA			P/2650 - (20
As a below named inventor, I here	by declare that my re	sidence, post office ad	draw and citizenship	are es stated b	
believe that I am the original, first an	d sole inventor (if only	one name is listed he	mular a inint inven	or (if about i	catow meat to my name; that I verily
matter which is claimed and for which	a petent is sought on	the invention entitled:		on fir birrer to	ventors are named) of the subject MICONDUCTOR MATERIAL
THERMOELECTRIC SEMI	CONDITION OF	PMPNT HOTMO	THENMORTRO	TRIC SE	MICONDUCTOR MATERIAL,
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					MENT AND MANUFACTURE
the specification of which is smached	hereto, unless the follo	wing box is checked:	METHOD FOR	SAME	PARIOT ACTOR IN
x was filed on May 07, 20		es petent Application l	Number or PCT Inter	national patent	<b>!</b>
application number PCT/II	<u> 22004/006493</u>	and was amended on _	(if	eny).	
I hereby state that I have reviewed	and understand the co	ntents of the above ide	utified specification.	including the	claims as amendad by any
I acknowledge the duty to disclose 61.56	ell information know	to be material to sete	atahility in accorden	aa misk Tilda 4	4.0-4-48.1 (5.4.)
§1.56.		to pulc	amonny as accordan	ce with time 3	7, Code of Federal Regulations,
I hereby claim princity herefits un	der Title 35 I Inited On	*** Cada 2110 adam.	A		_
remainional ambigation(a) listed below	and have also ide at	Code \$115 or any	musing abbrication(	<li>for patent or</li>	inventor's certificate or United States
the state of the s	A MINA THE LE HIND MICHINI	ed perow any toteffill	epplication for paten	t or inventor's :	certificate having a filing date before
that of the application on which priori	ry is claimed:				J J
Prior Foreign or Provisional Applicati	ion(s)				
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and of the claims of this are the state of	te 15, Omitte States C	ode, § 120 of any Unit	id gates abblications	(s) listed below	and, insofte as the subject matter of
each of the claims of this application i	2 DOL GIRCTOREG IN HIE D	nor United States app	lication in the manne	r provided by t	the first paragraph of Title 35
Comment of the contract of the	ilable between the filin	g date of the prior app	lication and the natio	nal or PCT int	ernational filing data of this
application.		• • • • • • • • • • • • • • • • • • • •			entrocter minik date of (UR
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APPLICATION NUMBER		(day, month, year)		(no	vented, pending, abandoned)
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Therefore a second					į.
I hereby appoint customer no. 2352 18.510; Robert C. Faber - Reg. No. 24	OSTROLENK, PABI	r, gerb & soffen	LLP, and the mem	ers of the firm	Samuel H Weiner Bee No.
18,510; Robert C. Faber - Reg. No. 24, 30,944; Louis C. Dulmich - Rev. No. 3	,322; Max Moskowitz	- Reg. No. 30,576; Jan	nes A. Finder - Rec	No 30 173- W	illiam C. Come III. Dec 21.
30,944; Louis C. Dujmich - Reg. No. 3 prosecute this application, to transpert a	0,625, and Douglas A.	Mirp - Reg. No. 31 6	(3 as attorness with	full manus and a	madi O. Oray, III - Reg. No.
prosecute this application, to transact a	Il business in the Pater	t & Trademark Office	connected therewish	and to was its	obsumuon and revocation to
			compenses stetemitti	mm m tecelve	all correspondence.
SEND CORRESPONDENCE TO:	OSTROLENK WAT	BER, GERB & SOFF	TALLED DID		
	LISO ATEMERON	DER, GERB & SUFF		CT TELEPHO	ONE CALLS TO:
	1180 AVENUE OF T	HE AMERICAS	(212)	382-0700	
	NEW YORK, NEW	TORK 10036-8403			1
	CUSTOMER NO. 23	52			1
Thomakas Paulius at an Idaa					1
I nereby declare that all statements	made herein of my own	i knowledge are true a	nd that all statements	made on infor	mation and belief are believed to be
rue; and further that these statements v	vere made with the lent	wiedge that willful fal	SO STATEMENTS HOW! HA	e like so made	and minishable for Co
		United States Code an	d that such willful for	les etclements	are punishable by 100 of
application or any patent issued thereon	nt.		- DEL DOCS! WINSWI IN	rec sentements	may icobardese the nationth of the
PULL NAME OF SOLE OR FIRST INVENTO					
	R	INVENTOR'S SIGNATI	RE	I D.	ATE
Foshinori OTA		Zodninor;	M	1	
ESEDENCE (City and either State or Fore	des Course d	oodung ry	Ota	N	lovember 4, 2005
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∕o Ishikawajima-Harima Heav					
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	y Industries Co., L	td., 2-1, Otemach			
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	R (U ANY)			N DA	ovember 4, 2005
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espence (City and either State or Fore Funabashi—shi, Japan	R (IF ANY)			N DA	ovember 4, 2005
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UNITED STATES OF AMERI	CA	OFGS FILE NO.	
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COUNTRY APPLICATION NUMBER	DATE OF FILE (day, month, ye	ING PRIORITY CLAIME	Ø
		YES NO	
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		YES NO	
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Kouiti FUJITA ·  RESIDENCE (City and either State or Foreign Country)	kouiti Fujita	COUNTRY OF CITEZENSHIP	05.
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POST OFFICE ADDRESS		Japan	
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